

ABSTRACT

A implementation method for videophone terminal, which relates to transmission method in multimedia communication, including: firstly, establishing PSTN speech channel from a videophone terminal to another terminal according to the mode of dialing up PSTN normal telephone; then restarting videophone function; after digital information, such as IP address, was modulated to analog signal by terminal device, the signal was transmitted in PSTN speech channel to complete IP address interactive process; a terminal device starts calling automatic over a the IP network utilizing obtained IP address, then establishing videophone communication traffic based on IP network, namely multimedia data, such as speech, video data, were transmitted through IP network. Adopting the above method, a user can establish videophone multimedia communication process based on IP network according to the mode of dialing up the common PSTN telephone, and realizing simple and popular videophone function; the invention also provides a implementation method that a videophone terminal and simple IP videophone terminal call said videophone terminal.